

Speaker and Topic Information for the Thursday, February 2, 2012  
Joint Meeting of ITEA-CF & Space Coast INCOSE

Abstract/Bio of Speaker

Android - A Dive In to an Open Source Operating System for the Mobile Device User

It is projected that by 2015 users of mobile devices will increase from approximately 14 million to 788 million or even 1.2 billion. Today there are an estimated 5 billion mobile phones in use worldwide with a large percentage being smart phones. The landscape of mobile devices for business, government and personal use is scored with challenges associated with operating systems, interoperability and a broad marketplace of mobile applications.

The need to balance the overall challenges and technological complexity that help enable mobile device use includes network access for storing and exchanging data over the Internet and associated security requirements. Balancing efforts are compounded by the loss, theft and breach of mobile devices that occur on a daily basis. Throw in user expectations and appetite for mobile devices to always be available and connected and you have a recipe that will undoubtedly produce varied and problematic outcomes.

David Gewirtz author, U.S. policy advisor, and computer scientist will do some deep diving into the Android open source operating system. Android is only a small portion of the growing technological complexity of the 21<sup>st</sup> century. There are multiple flavors of Android named Ice Cream Sandwich, Honeycomb, Gingerbread, Froyo, Cupcake and a few others. These flavors of Android operating systems manage smart phones, medical devices, consumer electronics and military/aerospace systems.

Mr. Gewirtz will talk about mobile security architecture, emerging privacy and security concerns of Android mobile devices and the security and safety considerations for activities such as tethering, using wi-fi hotspots, third-party applications, Bluetooth, emailing files, and connectivity.

Speaker Bio

David Gewirtz is an author, U.S. policy advisor, and computer scientist. He is featured in The History Channel special The President's Book of Secrets, and is CBS Interactive's Distinguished Lecturer as well as the host of the ZDNet Government and DIY-IT blogs. David is also director of the U.S. Strategic Perspective Institute, is one of America's foremost cyber-security experts, and a top expert on saving and creating jobs. David is the Cyber-warfare Advisor for the IACSP, a columnist for The Journal of Counterterrorism and Homeland Security, has been a guest commentator for the Nieman Watchdog of the Nieman Foundation for Journalism at Harvard University and is a member of FBI InfraGard and the U.S. Naval Institute. He is also the author of The Flexible Enterprise, the classic book that served as a foundation for today's agile business movement.